SHANTANU KALE

Java Back-end Developer

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EDUCATION

D. Y. Patil College of Engineering, Pune   **2022 – 2026**
B.E - Information Technology - ***CGPA - 7.64***   *Pune, Maharashtra*

Rajiv Gandhi Mahavidyalaya,Chandrapur   **2020 - 2022**
higher secondary education - PCM+CS - ***Percentage - 80%***   *Chandrapur, Maharashtra*

SKILLS

Programming Languages: Java
Frameworks & Tools: Spring Boot, Hibernate, RESTful APIs, Spring Security
Database Management: SQL (MySQL)
Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Microservices
Soft Skills: Leadership, Team Management, Problem-Solving, Communication

EXPERIENCE

Prodigy InfoTech   **JAN 2025 - FEB 2025**
Role - Back-end Developer Intern   *Pune, Maharashtra*

- Worked as a Backend Developer, focusing on building robust and efficient server-side applications.
- Designed and implemented scalable RESTful APIs using Spring Boot, Jakarta, and H2 Database for efficient CRUD operations.
- Built and optimized backend services for a hotel booking platform, ensuring scalability and performance.
- Gained hands-on experience in Java, REST API development, and database management.
- Enhanced problem-solving skills by tackling real-world backend development challenges.

PROJECTS

PrepEdge AI : AI Interview Prep Platform ↗ | Spring Boot, Spring Security, REST APIs   **2025**

- Developed PrepEdge AI, a full-stack AI-powered interview preparation platform using Java, Spring Boot, React, MySQL, and Docker, featuring topic-wise interview snippets, revision mode, and cross-platform accessibility.
- Integrated OpenAI GPT & Gemini APIs to enable personalized question generation, adaptive difficulty, and smart analytics for tracking strengths, weaknesses, and progress.

CredSafe ↗ | Java, Spring Boot, MySQL, JWT, REST APIs   **2025**

- Built a full-stack authentication application with Java, Spring Boot, and ReactJS to manage secure user registration, login, and profile access. Implemented JWT-based login and email OTP verification using Spring Security for robust authentication. Integrated MySQL for persistent user data storage and designed a responsive ReactJS + Bootstrap 5 UI to enhance user experience. Focused on clean backend API design, frontend development, and role-based access control for security and usability.

Bank Management System ↗ | Java, MySQL, JDBC   **2024**

- Built a desktop-based banking application with Java and Swing to manage user accounts, transactions, and account history. Integrated MySQL with JDBC for secure data storage, supporting operations like deposits, withdrawals, balance inquiry, and transaction logs. Designed a user-friendly GUI for bank staff and customers, with role-based access and input validation to enhance usability and security.

CERTIFICATIONS

- Master Java Programming - GeeksforGeeks
- The Design and Analysis of Algorithm Masterclass - Up Degree (Udemy)
- Spring Boot 0 to 100 Course - With Microservices, Kafka, Docker and Kubernetes - Coding Shuttle